## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/531.500 Filing Date:

August 22, 2006

Confirmation No.:

8126

First Named Inventor:

Jin-Woo Hong

Assignee:

ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, HICHEMTECH, INC., and KOREA ADVANCED

INSTITUTE OF SCIENCE AND TECHNOLOGY (KAIST)

2482

Examiner:

Kim, Hee-Yong

Art Unit:

Attorney Docket No.: AB-1423 US

(70501.2)

San Jose, California February 3, 2011

Via EFS

Director of the United States Patent and Trademark Office

P.O. Box 1450

Alexandria, Virginia 22313-1450

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(D)

Dear Sir:

Pursuant to 37 C.F.R. § § 1.56, 1.97 and 1.98, Applicants wish to call the documents listed on the enclosed Form PTO-1449 (1 page) to the Examiner's attention for the aboveidentified patent application. Copies of the listed documents are enclosed except for United States Patents and United States Publications. The documents were cited by the Japanese Patent Office in a counterpart JP Patent Application. The relevance of foreign language documents of AB, AC, and AD are explained in the Patent Abstracts of Japan AH, AI, and AJ, respectively.

Citation of the above documents shall not be construed as:

- 1. an admission that the documents are necessarily prior art with respect to the instant invention:
  - 2. a representation that a search has been made, other than as described above; or

 an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

The undersigned hereby certifies that each item of information contained in this

Information Disclosure Statement was cited in a communication from a foreign patent office
in a counterpart foreign application not more than three months prior to the filing of this

Information Disclosure Statement

Please charge \$180.00 pursuant to 1.17(p) to Deposit Account No. 08-1394. The Commissioner is hereby authorized to charge any underpayment and credit any overpayment to the same Deposit Account. If questions should arise, please phone the undersigned at the telephone number below.

Certificate of Transmission: I hereby certify that this correspondence is being transmitted to the United States Patent and Trademark Office (USPTO) via the USPTO's electronic filing system on February 3, 2011

Michael Shenker

Attorney for Applicant(s) Reg. No. 34,250

Respectfully submitted.

Michael Menter

Attorney for Applicant(s) Date of Signature